

Amendments to the Specification:

Please replace the paragraph that begins on page 12, line 27, with the following amended paragraph:

The acyl group includes one derived from a carboxylic acid or a sulfonic acid, and the acyl group derived from a carboxylic acid includes one derived from an aliphatic carboxylic acid or an aromatic carboxylic acid. The acyl group derived from a sulfonic acid includes one derived from an aliphatic sulfonic acid or an aromatic ~~carboxylic~~ sulfonic acid.

Please replace the paragraph that begins on page 15, line 6, with the following amended paragraph:

The substituent of a heterocyclic ring which may have a substituent, that is the above alkyl group, alkenyl group, aryl group, aralkyl group, alkoxy group, aryloxy group, alkylthio group, arylthio group, alkylsulfonyl group, arylsulfonyl group, alkylsulfinyl group, arylsulfinyl group, alkylphosphino group, arylphosphino group, alkylphosphinoyl group, arylphosphinoyl group, alkylamino group, arylamino group, alkoxycarbonyl group, aryloxycarbonyl group, alkoxysulfonyl group, aryloxysulfonyl group, acyl group and acyloxy group, may further have a substituent including, for example, an alkyl group, an alkenyl group, an alkynyl group, an aryl group, a hydroxy group, an alkoxy group, an amino group, an alkylamino group, a mercapto group, an alkylthio group, an formyl group, an acyl group, a carboxyl group, an alkoxycarbonyl group, a carbamoyl group and an alkylcarbamoyl group, and these substituents may be present in number of generally 1 to 6, preferably 1 to 4, more preferably 1 to 2 in the substituent of the ~~aromatic~~ heterocyclic ring.

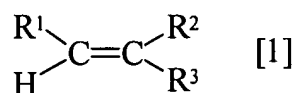
Please replace the paragraph that begins on page 16, line 2, with the following amended paragraph:

The alkylcarbamoyl group as the substituent of a heterocyclic ring which may have a substituent, includes one, wherein one or two of hydrogen atoms of a carbamoyl group is each independently replaced by the above alkyl group, which is specifically

exemplified by a methylcarbamoyl group, an ethylcarbamoyl group, a n-propylcarbamoyl group, an isopropylcarbamoyl group, a n-butylcarbamoyl group, an isobutylcarbamoyl group, a tert-butylcarbamoyl group, a pentylcarbamoyl group, a hexylcarbamoyl group, a heptylcarbamoyl group, an octylcarbamoyl group, a nonylcarbamoyl group, a decylcarbamoyl group, a dodecylcarbamoyl group, a tetradecylcarbamoyl group, a pentadecylcarbamoyl group, a hexadecylcarbamoyl group, a heptadecylcarbamoyl group, a nonadecylcarbamoyl group, an icosylcarbamoyl group, a cyclopentylcarbamoyl group, a cyclohexylcarbamoyl group, a cycloheptylcarbamoyl group, a dimethylcarbamoyl group, an ethylmethylcarbamoyl group, a diethylcarbamoyl group, a methylpropylcarbamoyl group, a dipropylcarbamoyl group, an ethylhexylcarbamoyl group, a dibutylcarbamoyl group, a heptylmethylcarbamoyl group, a methyloctylcarbamoyl group, a decylmethylcarbamoyl group, a dodecylethylcarbamoyl group, a methylpentadecylcarbamoyl group, an ethyloctadecylcarbamoyl group, a cyclopentylmethylcarbamoyl group, a cyclohexylmethylcarbamoyl group, a cyclohexylethylcarbamoyl group, a cyclohexylpropylcarbamoyl group, a cyclohexylbutylcarbamoyl group and a dicyclohexylcarbamoyl group.

Please replace the paragraph that begins on page 22, line 28, with the following amended paragraph:

The polymer used as a carrier is not especially limited unless it has serious effects on deuteration of the present invention, however, an example of such a polymer includes, for example, one obtained by polymerization or copolymerization of a monomer shown by the following general formula [1]:



(wherein R¹ is a hydrogen atom, a lower alkyl group, a carboxyl group, a carboxyalkyl group, an alkoxycarbonyl group, a hydroxyalkoxycarbonyl group, a cyano group or a formyl group; R² is a hydrogen atom, a lower alkyl group, a carboxyl group, an alkoxycarbonyl group, a hydroxyalkoxycarbonyl group, a cyano group or a halogen atom; R³ is a hydrogen atom, a lower alkyl group, a haloalkyl

group, a hydroxyl group, an aryl group which may have a substituent, an aliphatic heterocyclic group, an aromatic heterocyclic group, a halogen atom, an alkoxycarbonyl group, a hydroxyalkoxycarbonyl group, a sulfo group, a cyano group, a cyano-containing alkyl group, an acyloxy group, a carboxyl group, a carboxyalkyl group, an aldehyde group, an amino group, an aminoalkyl group, a carbamoyl group, a N-alkylcarbamoyl group or a hydroxyalkyl group, and $R^{2\ 1}$ and $R^{3\ 2}$ may form an alicyclic ring together with the adjacent -C=C- bond).

Please replace the paragraph that begins on page 25, line 25, with the following amended paragraph:

The aliphatic ring in the case where $R^{2\ 1}$ and $R^{3\ 2}$ are bonded together with the adjacent -C=C- bond to form an alicyclic ring, includes an unsaturated alicyclic ring having 5 to 10 carbon atoms, and may be monocyclic or polycyclic, which is specifically exemplified by a norbornene ring, a cyclopentene ring, a cyclohexene ring, a cyclooctene ring and a cyclodecene ring.

Please replace the paragraph that begins on page 28, line 33, with the following amended paragraph:

A method for deuteration of the present invention will be specifically explained by taking, as an example, the case of using heavy water as heavy hydrogen source and using a palladium ~~carbon (Pd-10%)~~ catalyst as a non-activated catalyst.